| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|--------------------|---------------------|---------|------------------|
| | | activ\$6 AND key AND "random number" AND "counter" AND car AND "unidirectionally | US-PGPUB; USPAT | OR | OFF | 2006/01/17 11:21 |
| L1 | 1 | "20010002486" | US-PGPUB; USPAT | OR | OFF | 2006/01/17 11:22 |
| L2 | 1 | "20010052075" | US-PGPUB; USPAT | OR | OFF | 2006/01/17 11:23 |
| L3 | 8 | "5767784" | US-PGPUB; USPAT | OR | OFF | 2006/01/17 11:25 |
| L4 | 56 | "5365225" | US-PGPUB; USPAT | OR | OFF | 2006/01/17 11:26 |
| L5 | 12 | "5596641" | US-PGPUB; USPAT | OR | OFF | 2006/01/17 11:28 |
| L6 | 100 | "4935962" | US-PGPUB; USPAT | OR | OFF | 2006/01/17 11:28 |
| L7 | 129 | "4509093" | US-PGPUB; USPAT | OR | OFF | 2006/01/17 11:29 |
| L8 | 55 | "4723121" | US-PGPUB; USPAT | OR | OFF | 2006/01/17 11:36 |
| L9 | 30 | "5369706" | US-PGPUB; USPAT | OR | OFF | 2006/01/17 11:37 |
| L10 | 0 | 340/5.ccls. | US-PGPUB; USPAT | OR | OFF | 2006/01/17 11:37 |
| L11 | 167 | 340/5.26.ccls. | US-PGPUB; USPAT | OR | OFF | 2006/01/17 11:37 |
| S1 | 1 | "20040054934" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 09:56 |
| S2 | 1 | "activating key" AND "car" AND "random number" AND "counter" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 09:56 |
| S3 | 5 | "activating key" AND "random number" AND "counter" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 09:57 |
| S4 | 5 | "activating key" AND "random number" AND "counter" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 09:57 |
| S5 | 2989 | activ\$6 AND key AND "random number" AND "counter" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 09:57 |
| S6 | 582 | activ\$6 AND key AND "random number" AND "counter" AND car | US-PGPUB; USPAT | OR | OFF | 2006/01/12 09:57 |
| S7 | 0 | activ\$6 AND key AND "random number" AND "counter" AND car AND "unidirectionally" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 09:58 |
| S8 | 275 | activ\$6 AND key AND "random number" AND "counter" AND car AND "calculating" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 09:58 |

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|-----|------|---|--------------------|----|-----|------------------|
| S9 | 117 | activ\$6 AND key AND "random number" AND "counter" AND car AND "calculating" | USPAT | OR | OFF | 2006/01/12 09:58 |
| S10 | 38 | activ\$6 AND key AND "random number" AND "counter" AND car AND "calculating" AND "car key" | USPAT | OR | OFF | 2006/01/12 10:00 |
| S11 | 2251 | "automobile" AND "key" AND "activate" | USPAT | OR | OFF | 2006/01/12 10:00 |
| S12 | 14 | "automobile" AND "key" AND "activate key" | USPAT | OR | OFF | 2006/01/12 10:01 |
| S13 | 1331 | "automobile" AND "key" AND activ\$8 WITH key | USPAT | OR | OFF | 2006/01/12 10:01 |
| S14 | 46 | "automobile" AND " random number" AND "key" AND activ\$8 WITH key | USPAT | OR | OFF | 2006/01/12 10:03 |
| S15 | 2 | "key activator" AND "car" | USPAT | OR | OFF | 2006/01/12 10:03 |
| S16 | 13 | "key activator" | USPAT | OR | OFF | 2006/01/12 10:04 |
| S17 | 9 | "key activator" | US-PGPUB | OR | OFF | 2006/01/12 10:04 |
| S18 | 1139 | authentic\$4 AND key AND automobile | US-PGPUB; USPAT | OR | OFF | 2006/01/12 10:12 |
| S19 | 217 | authentic\$4 AND key AND automobile AND "random number" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 10:12 |
| S20 | 0 | authentic\$4 AND key AND automobile AND "random number" AND "counter" AND "increment" AND "decrement" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 10:12 |
| S21 | 14 | authentic\$4 AND key AND automobile AND "random number" AND "counter" AND "increment" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 10:16 |
| S22 | 88 | authentic\$4 AND key AND vehicle AND "random number" AND "counter" AND "increment" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 10:20 |
| S23 | o | authentic\$4 AND key AND vehicle AND "random number" AND "counter" AND "increment" AND "uni-directionally" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 10:20 |
| S24 | 0 | authentic\$4 AND key AND vehicle AND "random number" AND "counter" AND "increment" AND "unidirectionally" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 10:20 |
| S25 | 9810 | "unidirectionally" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 10:21 |
| S26 | 104 | "unidirectionally" AND "key" AND "car" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 10:21 |
| S27 | 1 | "unidirectionally" AND "key" AND "car" AND "random number" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 10:21 |

| r | | | - | | | |
|-----|------|---|--------------------|----|-----|------------------|
| S28 | 1 | "20010002486" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 10:52 |
| S29 | 4 | "6381699" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 10:57 |
| S30 | 0 | authentic\$8 AND "vehicle" AND "random number" AND "key" AND "cunter" AND "increment" AND "one way" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 10:58 |
| S31 | 0 | authentic\$8 AND "vehicle" AND "random number" AND "key" AND "cunter" AND "increment" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 10:58 |
| S32 | 71 | authentic\$8 AND "vehicle" AND "random number" AND "key" AND "counter" AND "increment" AND "one way" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 10:58 |
| S33 | 106 | "key" AND "vehicle" AND "random number" AND "counter" AND "increment" AND authentic\$8 | US-PGPUB; USPAT | OR | OFF | 2006/01/12 13:13 |
| S34 | 90 | "key" AND "vehicle" AND "random number" AND "counter" AND "increment" AND "compare" AND authentic\$8 | US-PGPUB; USPAT | OR | OFF | 2006/01/12 13:15 |
| S35 | 2 | "key" AND "vehicle" AND "random number" AND "counter" AND "increment" AND "compare result" AND authentic\$8 | US-PGPUB; USPAT | OR | OFF | 2006/01/12 13:17 |
| S36 | 0 | "key" AND "vehicle" AND "random number" AND "counter" AND "increment" AND "compare computation" AND authentic\$8 | US-PGPUB; USPAT | OR | OFF | 2006/01/12 13:17 |
| S37 | 0 | "key" AND "vehicle" AND "random number" AND "counter" AND "compare computation" AND authentic\$8 | US-PGPUB; USPAT | OR | OFF | 2006/01/12 13:17 |
| S38 | 0 | "compre calculation" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 13:17 |
| S39 | 39 | "compare calculation" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 13:17 |
| S40 | 0 | "compare calculation" AND "key" AND "vehicle" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 13:17 |
| S41 | 8 | "compare calculation" AND "key" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 13:19 |
| S42 | 8 | "5767784" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 13:20 |
| S43 | 1522 | "key authentication" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 13:20 |
| S44 | 248 | "key authentication" AND "car" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 13:20 |

| "random number" **Key authentication" AND "car" AND USAPT US-PGPUB; USAPT **S47 | | | | | | | |
|--|-----|--------|--|-------|----|-----|------------------|
| "random number" AND "counter" USPAT USPAT | S45 | 184 | | | OR | OFF | 2006/01/12 13:20 |
| "random number" AND "counter" USPAT NRD "match result" USPAT NRD "match result" USPAT NRD "match result" USPAT NRD "match result" USPAT NRD "match" USPAT USPAT OR | S46 | 153 | | | OR | OFF | 2006/01/12 13:20 |
| "random number" AND "counter" USPAT USPAT | S47 | 0 | "random number" AND "counter" | • | OR | OFF | 2006/01/12 13:20 |
| "random number" AND "counter" USPAT US-PGPUB; USPAT USPAT | S48 | 148 | "random number" AND "counter" | • | OR | OFF | 2006/01/12 13:20 |
| ### ################################## | S49 | 0 | "random number" AND "counter" | | OR | OFF | 2006/01/12 13:20 |
| "random number" AND "counter" AND "computation" USPAT | S50 | 133 | "random number" AND "counter" | | OR | OFF | 2006/01/12 13:20 |
| "random number" AND "counter" AND "computation" AND cryp\$10 | S51 | 133 | "random number" AND "counter" | , , | OR | OFF | 2006/01/12 13:21 |
| "automobile" AND "random number" AND "counter" AND "counter" AND "computation" AND cryp\$10 S54 9 "key authentication" AND "automobile" AND "random number" AND "counter" AND "computation" S55 25 "key authentication" AND "computation" S56 0 "key" AND "computation" S56 0 "key" AND "compare calculation" S57 524607 "key" AND "compare calculation" S58 8 "key" AND "compare calculation" S58 8 "key" AND "compare calculation" S59 466 "key" AND "compare result" S59 560 92 "key" AND "compare result" AND "compare result" S59 561 26 "key" AND "compare result" AND "compare result" S59 560 92 "key" AND "compare result" AND "compare result" S59 560 92 "key" AND "compare result" AND "compare result" S59AT S60 92 "key" AND "compare result" AND "compare result" S59AT S60 92 "key" AND "compare result" | S52 | 133 | "random number" AND "counter" | | OR | OFF | 2006/01/12 13:22 |
| S55 25 "key authentication" AND "vehicle" AND "counter" AND "counter" AND "computation" USPAT OR OFF 2006/01/12 13:23 S56 0 "key" AND "compare calculation" AND "vehicle" AND "counter" AND "counter" AND "counter" AND "counter" USPAT OR OFF 2006/01/12 13:28 S57 524607 "key" AND "compare calculation" USPAT USPAT OR OFF 2006/01/12 13:28 S58 8 "key" AND "compare calculation" USPAT USPAT OR OFF 2006/01/12 13:28 S59 466 "key" AND "compare result" USPAT OR OFF 2006/01/12 13:28 S60 92 "key" AND "compare result" AND "random number" USPAT USPAT OR OFF 2006/01/12 13:28 S61 26 "key" AND "compare result" AND "random number" AND "counter" USPAT USPAT OR OFF 2006/01/12 13:28 S62 98 "4935962" USPAT OR OFF 2006/01/12 13:55 | S53 | 9 | "automobile" AND "random number" AND "counter" AND "computation" | | OR | OFF | 2006/01/12 13:22 |
| AND "random number" AND "counter" AND "counter" AND "counter" AND "counter" AND "US-PGPUB; US-PGPUB; US-PG | S54 | 9 | "automobile" AND "random number" | | OR | OFF | 2006/01/12 13:23 |
| AND "random number" AND "counter" S57 | S55 | 25 | AND "random number" AND | 1 ' | OR | OFF | 2006/01/12 13:23 |
| "counter" USPAT S58 8 "key" AND "compare calculation" US-PGPUB; USPAT OR OFF 2006/01/12 13:28 USPAT S59 466 "key" AND "compare result" US-PGPUB; USPAT OR OFF 2006/01/12 13:28 USPAT S60 92 "key" AND "compare result" AND "random number" US-PGPUB; USPAT OR OFF 2006/01/12 13:28 USPAT S61 26 "key" AND "compare result" AND "random number" AND "counter" US-PGPUB; USPAT OR OFF 2006/01/12 13:28 USPAT S62 98 "4935962" USPAT OR OFF 2006/01/12 13:51 | S56 | 0 | AND "random number" AND | · · | OR | OFF | 2006/01/12 13:28 |
| S59 466 "key" AND "compare result" USPAT USPAT USPAT USPAT OR | S57 | 524607 | | 1 | OR | OFF | 2006/01/12 13:28 |
| S60 92 "key" AND "compare result" AND USPAT | S58 | 8 | "key" AND "compare calculation" | | OR | OFF | 2006/01/12 13:28 |
| "random number" USPAT USPAT | S59 | 466 | "key" AND "compare result" | | OR | OFF | 2006/01/12 13:28 |
| "random number" AND "counter" | S60 | 92 | | | OR | OFF | 2006/01/12 13:28 |
| 30 33332 | S61 | 26 | | 1 | OR | OFF | 2006/01/12 13:28 |
| | S62 | 98 | "4935962" | USPAT | OR | OFF | 2006/01/12 13:51 |
| S63 23 "4870400" USPAT OR OFF 2006/01/12 13:48 | S63 | 23 | "4870400" | USPAT | OR | OFF | 2006/01/12 13:48 |

| S64 | 0 | crypto\$8 AND comapre WITH stored WITH result | USPAT | OR | OFF | 2006/01/12 13:52 |
|-----|------|--|--------------------|----|-----|------------------|
| S65 | 15 | crypto\$8 AND compare WITH stored WITH result | USPAT | OR | OFF | 2006/01/12 13:55 |
| S66 | 0 | crypto\$8 AND compare WITH calculated WITH result | USPAT | OR | OFF | 2006/01/12 13:55 |
| S67 | 5 | crypto\$8 AND compare WITH computed WITH result | USPAT | OR | OFF | 2006/01/12 13:55 |
| S68 | 1761 | "one way hash" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:03 |
| S69 | 784 | "one way hash" AND "key" AND "random number" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:04 |
| S70 | 355 | "one way hash" AND "key" AND "random number" AND "counter" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:04 |
| S71 | 176 | "one way hash" AND "key" AND "random number" AND "counter" AND "car" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:04 |
| S72 | 0 | "one way hash" AND "key" AND "random number" AND "counter" AND "car" AND compare WITH result WITH computed | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:04 |
| S73 | 0 | "one way hash" AND "key" AND "random number" AND "counter" AND "car" AND compare WITH result WITH calculated | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:04 |
| S74 | 25 | "one way hash" AND "key" AND "random number" AND "counter" AND "car" AND compare WITH result | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:05 |
| S75 | 25 | "one way hash" AND "key" AND "random number" AND "counter" AND "vehicle" AND compare WITH result | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:05 |
| S76 | 28 | "one way hash" AND "key" AND "random number" AND "counter" AND compare WITH result | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:07 |
| S77 | 29 | "one way hash" AND "key" AND "random number" AND "counter" AND compare WITH calculated | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:07 |
| S78 | 33 | "one way hash" AND "key" AND "random number" AND compare WITH calculated | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:08 |
| S79 | . 30 | "one way function" AND "key" AND "random number" AND compare WITH calculated | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:08 |
| S80 | 0 | "key" AND "random number" AND "counter" AND campar\$5 WITH calculat\$5 | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:17 |

| S81 | 5 | campar\$5 WITH calculat\$5 | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:17 |
|-----|-------|---|--------------------|----|-----|------------------|
| S82 | 4 | campar\$5 WITH comput\$5 | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:18 |
| S83 | 0 | "comparing the calculated" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:18 |
| S84 | 18571 | comparing WITH calculated | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:18 |
| S85 | 193 | "key" AND "random number" AND "counter" AND comparing WITH calculated | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:22 |
| S86 | 2 | "automobile" AND "key" AND "random number" AND "counter" AND comparing WITH calculated | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:19 |
| S87 | 472 | "key" AND "random number" AND "counter" AND compar\$4 WITH calculated | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:22 |
| S88 | 691 | "key" AND "random number" AND "counter" AND compar\$4 WITH calculat\$4 | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:22 |
| S89 | 19 | "key" AND "random number" AND "counter" AND compar\$4 WITH calculat\$4 WITH sent | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:23 |
| S90 | 2 | "key" AND "random number" AND "counter" AND compar\$4 WITH calculat\$4 WITH sent WITH result | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:24 |
| S91 | 100 | "key" AND "random number" AND "counter" AND compar\$4 WITH calculat\$4 WITH result | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:24 |
| S92 | 8 | "carkey" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:48 |
| S93 | 487 | "car key" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:48 |
| S94 | 25 | "car key" AND "random number" AND "counter" AND compare WITH result | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:49 |
| S95 | 32 | "key" AND "random number" AND "counter" AND "increment" AND "decrement" AND compare WITH result | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:50 |
| S96 | 6 | "blank key" AND "random number" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:51 |
| S97 | 0 | "authenicate vehicle" AND "key" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:51 |
| S98 | 26 | "authenticate vehicle" AND "key" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:52 |
| S99 | 0 | "authenticate vehicle" AND "key" AND "random number" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:52 |

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|----------|------|---|---------------------------------------|----|-----|------------------|
| S10 0 | 4179 | "random number" AND "key" AND "counter" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:52 |
| S10 1 | 0 | S100 AND authenic\$6 WITH vehicle | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:53 |
| S10 2 | 0 | S100 AND authenic\$6 WITH car | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:53 |
| S10 3 | 0 | S100 AND authenic\$6 WITH automobile | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:53 |
| S10 4 | 6 | S100 AND authenic\$6 | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:53 |
| S10 5 | 388 | "electronic key" AND "car" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:54 |
| S10 6 | 0 | S105 AND "random numner" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:54 |
| S10 7 | 0 | S105 AND "random numner" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:54 |
| S10 8 | 67 | S105 AND "random number" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:55 |
| S10 9 | 32 | S105 AND "random number" AND "counter" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:54 |
| S11 0 | 2 | "authenticate lock" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:59 |
| S11 1 | 3 | "authenticating lock" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 14:59 |
| S11 2 | 97 | compar\$4 WITH calculated WITH result WITH transmitted | US-PGPUB; USPAT | OR | OFF | 2006/01/12 15:09 |
| S11 3 | 0 | match WITH computed WITH rersult WITH sent | US-PGPUB; USPAT | OR | OFF | 2006/01/12 15:22 |
| S11 4 | 1 | key AND match WITH computed WITH result WITH sent | US-PGPUB; USPAT | OR | OFF | 2006/01/12 15:22 |
| S11 5 | 1 | key AND match WITH calculated WITH result WITH sent | US-PGPUB; USPAT | OR | OFF | 2006/01/12 15:23 |
| S11 6 | 0 | key AND authenticate WITH calculated WITH result WITH sent | US-PGPUB; USPAT | OR | OFF | 2006/01/12 15:23 |
| S11 7 | 4 | key AND authenticat\$7 WITH calculated WITH result WITH sent | US-PGPUB; USPAT | OR | OFF | 2006/01/12 15:26 |
| S11 8 | 0 | key AND verify WITH calculated WITH result WITH sent | US-PGPUB; USPAT | OR | OFF | 2006/01/12 15:25 |
| S11 9 | 1 | key AND verif\$4 WITH calculated WITH result WITH sent | US-PGPUB; USPAT | OR | OFF | 2006/01/12 15:25 |
| S12 0 | 15 | key AND authenticat\$7 WITH calculated WITH result WITH transmitted | US-PGPUB; USPAT | OR | OFF | 2006/01/12 15:27 |
| S12 | 593 | key AND "remote authentication" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 15:27 |

| S12 2 | 24 | key AND "remote authentication" AND "random number" AND "counter" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 15:27 |
|----------|-----|--|--------------------|----|-----|------------------|
| S12 3 | 28 | "authenticate vehicle" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 15:56 |
| S12 4 | 26 | "authenticate vehicle" AND "key" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 15:56 |
| S12 5 | 0 | "authenticate vehicle" AND "key" AND "random number" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 15:56 |
| S12 6 | 68 | "verify vehicle" AND "key" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 15:57 |
| S12 7 | 0 | "verify vehicle" AND "key" AND "random number" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 15:57 |
| S12 8 | 34 | "one way" AND "key" AND "vehicle" AND "random number" AND "counter" AND compare WITH result | US-PGPUB; USPAT | OR | OFF | 2006/01/12 16:02 |
| S12 9 | 100 | "4935962" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 16:10 |
| S13 0 | 3 | "6101254" | US-PGPUB; USPAT | OR | OFF | 2006/01/12 16:10 |
| S13 1 | 0 | "random number" AND "counter" AND "automobile" AND "way transmission" AND activ\$6 WITH key | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:02 |
| S13 2 | 0 | "random number" AND "counter" AND "automobile" AND compare WITH recieved WITH calculat\$4 AND activ\$6 WITH key | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:03 |
| S13 3 | 0 | "key" AND "random number" AND "counter" AND "automobile" AND compare WITH recieved WITH calculat\$4 | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:03 |
| S13 4 | 0 | "key" AND "random number" AND "counter" AND compare WITH recieved WITH calculat\$4 | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:03 |
| S13 5 | 32 | "key" AND "random number" AND "counter" AND compare WITH received WITH calculat\$4 | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:05 |
| S13 6 | 17 | "key" AND "random number" AND "counter" AND compare WITH received WITH comput\$4 | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:05 |
| S13 7 | 0 | "vehicle" AND "key" AND "random number" AND "counter" AND compare WITH received WITH comput\$4 | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:05 |
| S13 8 | 3 | "car" AND "key" AND "random number" AND "counter" AND compare WITH received WITH comput\$4 | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:06 |

| T | | | 110 000110 | 00 | 055 | 2006/01/12 00:06 |
|----------|-----|---|--------------------|----|-----|------------------|
| S13 9 | 25 | "car" AND "key" AND "random number" AND "counter" AND compare WITH received WITH calculat\$4 | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:06 |
| S14 0 | 56 | "car" AND "key" AND "random number" AND "counter" AND compare WITH received | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:18 |
| S14 1 | 1 | "car" AND "key" AND "random number" AND "counter" AND undirection\$6 | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:20 |
| S14 2 | 2 | "car" AND "key" AND "random number" AND "counter" AND undirect\$10 | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:20 |
| S14 3 | 86 | "car" AND "key" AND "random number" AND unidirection\$6 | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:23 |
| S14 4 | 258 | "counter" AND "key" AND "random number" AND unidirection\$6 | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:23 |
| S14 5 | 69 | "counter" AND "key" AND "random number" AND "vehicle" AND unidirection\$6 | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:31 |
| S14 6 | 22 | "counter" AND "key" AND "random number" AND "automobile" AND unidirection\$6 | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:32 |
| S14 7 | 48 | "counter" AND "key" AND "random number" AND "car" AND unidirection\$6 | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:34 |
| S14 8 | 258 | "counter" AND "key" AND "random number" AND unidirection\$6 | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:34 |
| S14 9 | 93 | "counter" AND "key" AND "random number" AND "increment" AND unidirection\$6 | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:34 |
| S15 0 | 245 | "uni-direction" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:47 |
| S15 | 3 | "uni-direction" AND "key" AND "random number" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:48 |
| S15 2 | 1 | "unidirection" AND "key" AND "random number" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:48 |
| S15 3 | 504 | unidirect\$6 AND "key" AND "random number" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:48 |
| S15 4 | 73 | unidirect\$6 AND "key" AND "random number" AND compare WITH received | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:49 |
| S15 5 | 50 | unidirect\$6 AND "key" AND "random number" AND "vehicle" AND compare WITH received | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:49 |
| S15 6 | 122 | unidirect\$6 AND "key" AND "random number" AND "vehicle" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:50 |

| S15 7 | 0 | unidirect\$6 AND "key" AND "random number" AND "vehicle to key" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:50 |
|----------|-----|---|--|----|-----|------------------|
| S15 8 | 42 | unidirect\$6 AND "key" AND "random number" AND vehicle WITH key | US-PGPUB; USPAT | OR | OFF | 2006/01/13 09:55 |
| S15 9 | 38 | unidirect\$6 AND "key" AND "random number" AND calculat\$6 AND vehicle WITH key | US-PGPUB; USPAT | OR | OFF | 2006/01/13 10:06 |
| S16 0 | 34 | unidirect\$6 AND "key" AND sends WITH random WITH number AND calculat\$6 | US-PGPUB; USPAT | OR | OFF | 2006/01/13 10:08 |
| S16 1 | 44 | unidirect\$6 AND "key" AND sends WITH random WITH number | US-PGPUB; USPAT | OR | OFF | 2006/01/13 10:09 |
| S16 2 | 52 | unidirect\$6 AND "key" AND "random number" AND compare WITH result | US-PGPUB; USPAT | OR | OFF | 2006/01/13 10:09 |
| S16 3 | 29 | "universal key" AND "random number" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 10:38 |
| S16 4 | 3 | "universal key" AND "random number" AND "vehicle" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 10:38 |
| S16 5 | 20 | universal WITH key AND "random number" AND "vehicle" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 10:40 |
| S16 6 | 28 | universal WITH key AND "random number" AND "car" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 10:40 |
| S16 7 | 4 | "multiple cars" AND "key" AND "random number" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 10:48 |
| S16 8 | 72 | "multiple vehicles" AND "key" AND "random number" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 10:50 |
| S16 9 | 0 | "multiple vehicles" AND "key" AND "random number" | USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/13 10:50 |
| S17 0 | 14 | "5708712" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 10:55 |
| S17 | 122 | "4881148" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 10:56 |
| S17 2 | 5 | "key" AND "random number" AND unidirec\$7 AND vehicle WITH sends | US-PGPUB; USPAT | OR | OFF | 2006/01/13 11:13 |
| S17 3 | 0 | "key" AND "random number" AND unidirec\$7 AND vehicle WITH "450903" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 11:13 |
| S17 | 0 | "key" AND "random number" AND unidirec\$7 AND vehicle WITH "4509093" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 11:14 |
| S17 5 | 0 | "key" AND "random number" AND unidirec\$7 AND vehicle WITH "4509093" | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/13 11:14 |

| S17 6 | 129 | "4509093" | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/13 11:14 |
|----------|-----|---------------|------------------------------|----|-----|------------------|
| S17 7 | 129 | "4509093" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 11:32 |
| S17 8 | 129 | "4509093" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 13:20 |
| S17 9 | 1 | "20040054934" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 13:20 |
| S18 0 | 1 | "20040054934" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 14:53 |
| S18 1 | 129 | "4509093" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 14:53 |
| S18 2 | 4 | "6381699" | US-PGPUB; USPAT | OR | OFF | 2006/01/13 14:53 |